

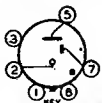


0A4-G

GAS-TRIODE

COLD-CATHODE STARTER-ANODE TYPE

| | |
|------------------------|-------------------------|
| Maximum Overall Length | 4-1/8" |
| Maximum Diameter | 1-9/16" |
| Bulb | ST-12 |
| Base | Small Shell Octal 6-Pin |
| Pin 1-No Connection | Pin 5-Anode |
| Pin 2-Cathode | Pin 7-Starter-Anode |
| Pin 3-No Connection | Pin 8-No Connection |



BOTTOM VIEW

CHARACTERISTICS

| | | |
|--|------------|-------|
| Peak Anode Breakdown Voltage (Starter anode tied to cathode) | 225 min. | volts |
| Peak Positive Starter-Anode Breakdown Voltage | { 70 min. | volts |
| | { 90 max. | volts |
| Starter-Anode Current (For transition of discharge to anode at 140 volts peak) | 100 max. | μamp. |
| Starter-Anode Drop | 60 approx. | volts |
| Anode Drop | 70 approx. | volts |

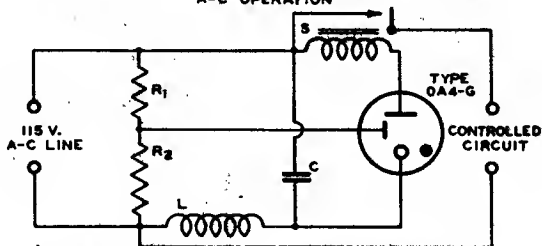
MAXIMUM RATINGS and TYPICAL OPERATING CONDITIONS

Relay Service

| | | |
|--|-----------|-------|
| Peak Cathode Current | 100 max. | ma. |
| D-C Cathode Current | 25 max. | ma. |
| Typical Operation with A-C Supply: | | |
| Anode-Supply Voltage (RMS) | 105 - 130 | volts |
| A-C Starter-Anode Voltage (peak) | 70 max. | volts |
| R-F Starter-Anode Voltage (peak) | 55 min. | volts |
| Sum of A-C and R-F Starter-Anode Voltages (peak) | 110 min. | volts |

SCHEMATIC RELAY CIRCUIT USING TYPE 0A4-G

A-C OPERATION



C } = HIGH-Q TUNED CIRCUIT FOR R-F SIGNAL

L }

R₁ = 15000 OHMS (1/2 WATT)R₂ = 10000 OHMS (1/2 WATT)

S = RELAY-CHOSEN FOR DESIGN REQUIREMENTS

The license extended to the purchaser of tubes appears in the License Notice accompanying them. Information contained herein is furnished without assuming any obligations.

APRIL 20, 1938

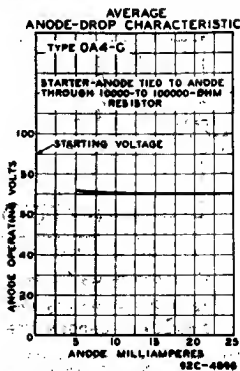
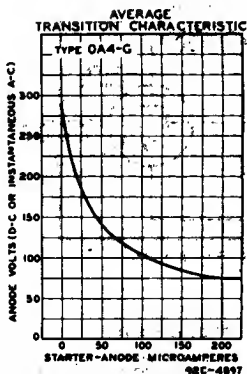
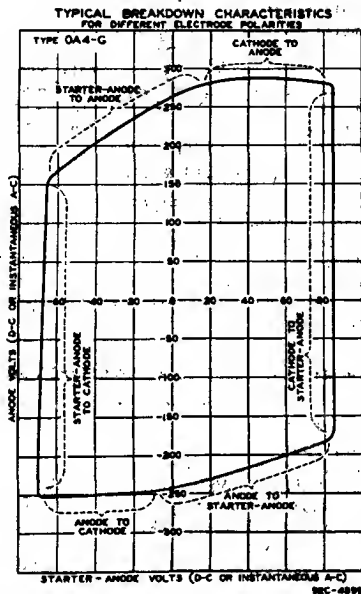
RCA RADIONRON DIVISION
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA

0A4-G



0A4-G GAS-TRIODE



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RCA MANUFACTURING COMPANY, INC.

92C-4897,
4898, 4899